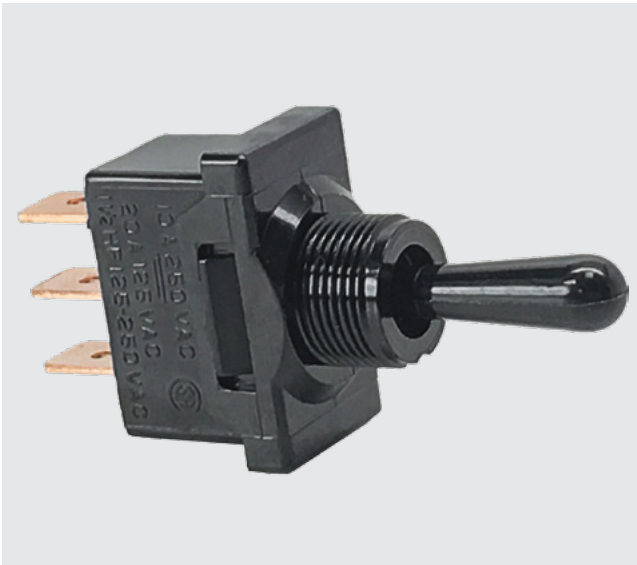


# D-Series

## SINGLE POLE TOGGLE SWITCHES

The D-Series single pole compact high current toggle switches are ideal for applications with back panel size constraints. These switches feature self-cleaning contacts and ratings up to 20A 125VAC, 10A 250VAC, 1 1/2 HP 125-250VAC. With an economical double insulated all nylon construction, these switches figure prominently in markets with stringent current carrying requirements.



### Product Highlights:

- ♦ Compact all nylon double insulated construction
- ♦ Ratings to 20A 125VAC, 1.5 HP 125-250VAC
- ♦ Integrated wire lead construction
- ♦ Paddle or Bat style actuators

### Typical Applications:

- ♦ Environmental Controls
- ♦ Marine
- ♦ Food Service
- ♦ Vacuum Cleaners



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**Dielectric Strength**

UL/CSA: 1000V - live to dead  
metal parts & opposite polarity  
TUV: 4000V - live to dead metal  
parts; 750V - across open contacts

**Electrical Life**

50,000 cycles

**Mechanical Life**

100,000 cycles

**Operating Temperature**

32°F to 185°F (0° to 85°C)

**DA221 - P - B - B**

1  
Base Part Number

2  
Actuator  
Style

3  
Actuator  
Color

4  
Bushing  
Color

**1 BASE PART NUMBER: SERIES / CIRCUITRY / RATING <sup>1</sup> / TERMINATION**  
**10A 250VAC, 20A 125VAC, 1 1/2 HP 125-250VAC**

|             |              |              |              |
|-------------|--------------|--------------|--------------|
|             | Solder Lug   | .250 Tab     | Wire Leads   |
| On-None-Off | <b>DA220</b> | <b>DA221</b> | <b>DA225</b> |
| On-None-On  | <b>DB220</b> | <b>DB221</b> | <b>DB225</b> |
| On-Off-On   | <b>DC220</b> | <b>DC221</b> | <b>DC225</b> |

**5A 250VAC, 10A 125VAC, 1/2 HP 125-250VAC,  
4(4) 250VAC<sub>μ</sub> TUV approved**

|             |              |              |              |
|-------------|--------------|--------------|--------------|
|             | Wire Leads   | Solder Lugs  | .250 Tabs    |
| On-None-Off | <b>DA945</b> | <b>DA940</b> | <b>DA941</b> |

**2 ACTUATOR STYLE**

|              |                 |
|--------------|-----------------|
| <b>B</b> Bat | <b>P</b> Paddle |
|--------------|-----------------|

**3 ACTUATOR COLOR <sup>2</sup>**

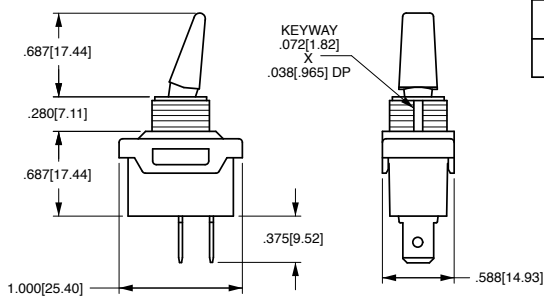
|                |                |
|----------------|----------------|
| <b>B</b> Black | <b>W</b> White |
|----------------|----------------|

**4 BUSHING COLOR <sup>2</sup>**

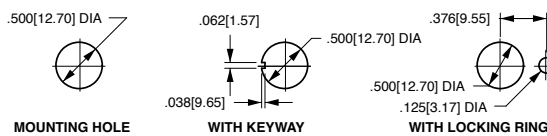
|                |                |
|----------------|----------------|
| <b>B</b> Black | <b>W</b> White |
|----------------|----------------|

Notes:

- 1 DA945 available with wire leads and ON-OFF circuit only.  
2 Additional colors available. Please consult factory.



|                                                |                                  |                                                 |
|------------------------------------------------|----------------------------------|-------------------------------------------------|
| <br>.156[3.96] DIA<br>.375[9.52]<br>.250[6.35] | <br>.069[1.75] DIA<br>.250[6.35] | <br>6.000[152.4]<br>.500[12.70]                 |
| SOLDER LUG                                     | .250 TAB (Q.C.)                  | INTEGRATED WIRE LEAD<br>(no exposed conductors) |
| TERMINAL TYPE                                  |                                  |                                                 |



\*Manufacturer reserves the right to change product specification without prior notice.

## Authorized Sales Representatives and Distributors

Click on a region of the map below to find your local representatives and distributors or visit [www.carlingtech.com/findarep](http://www.carlingtech.com/findarep).



## About Carling

Founded in 1920, Carling Technologies is a leading manufacturer of electrical and electronic switches and assemblies, circuit breakers, electronic controls, power distribution units, and multiplexed power distribution systems. With four ISO registered manufacturing facilities and technical sales offices worldwide, Carling Technologies Sales, Service and Engineering teams do much more than manufacture electrical components, they engineer powerful solutions! To learn more about Carling please visit [www.carlingtech.com/company-profile](http://www.carlingtech.com/company-profile).

To view all of Carling's environmental, quality, health & safety certifications please visit [www.carlingtech.com/environmental-certifications](http://www.carlingtech.com/environmental-certifications)

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